

FIG. 1

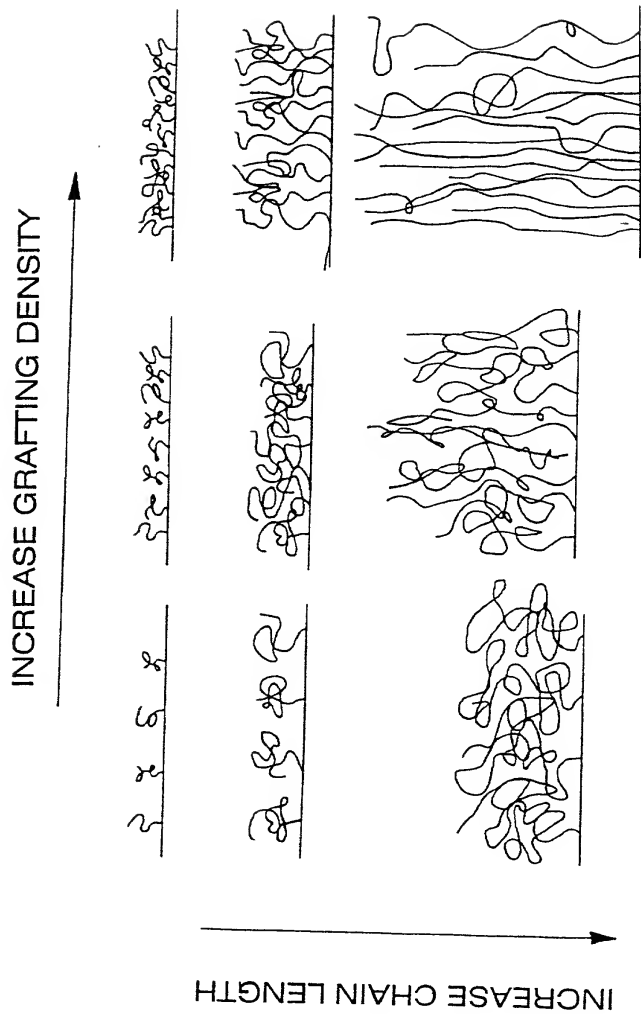


FIG. 2

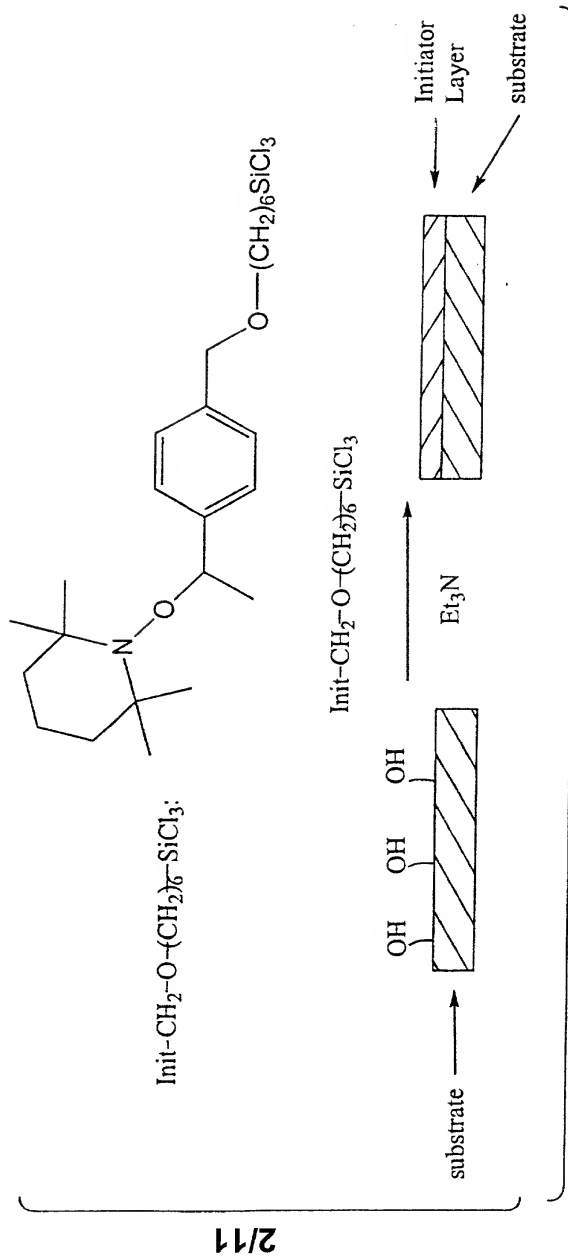


FIG. 3

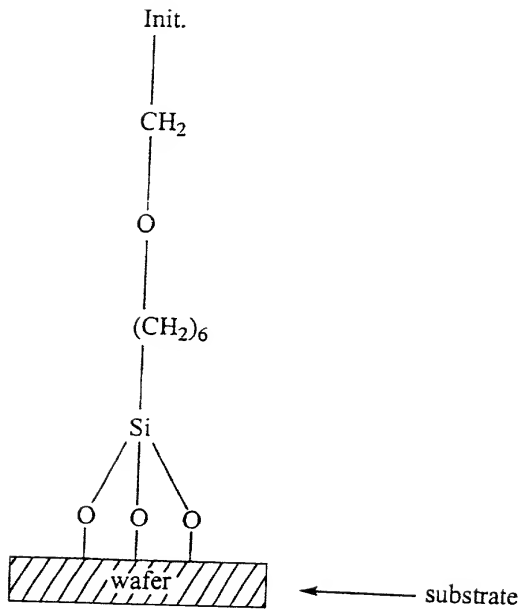


FIG. 4

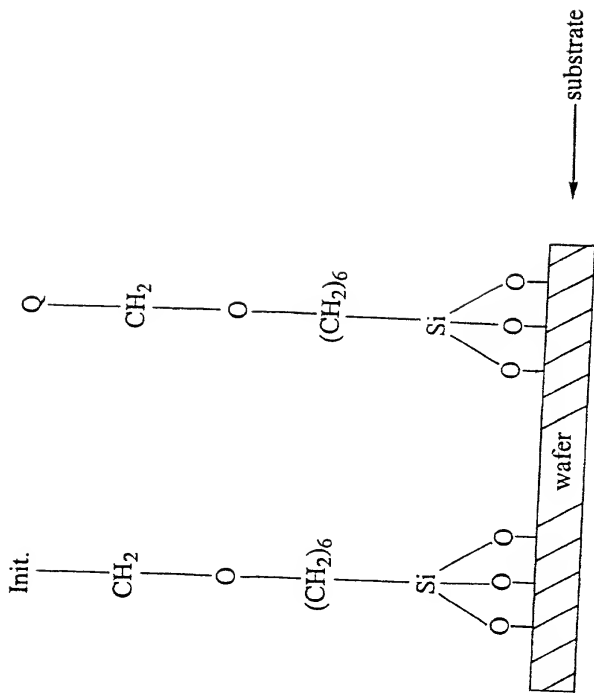


FIG. 5

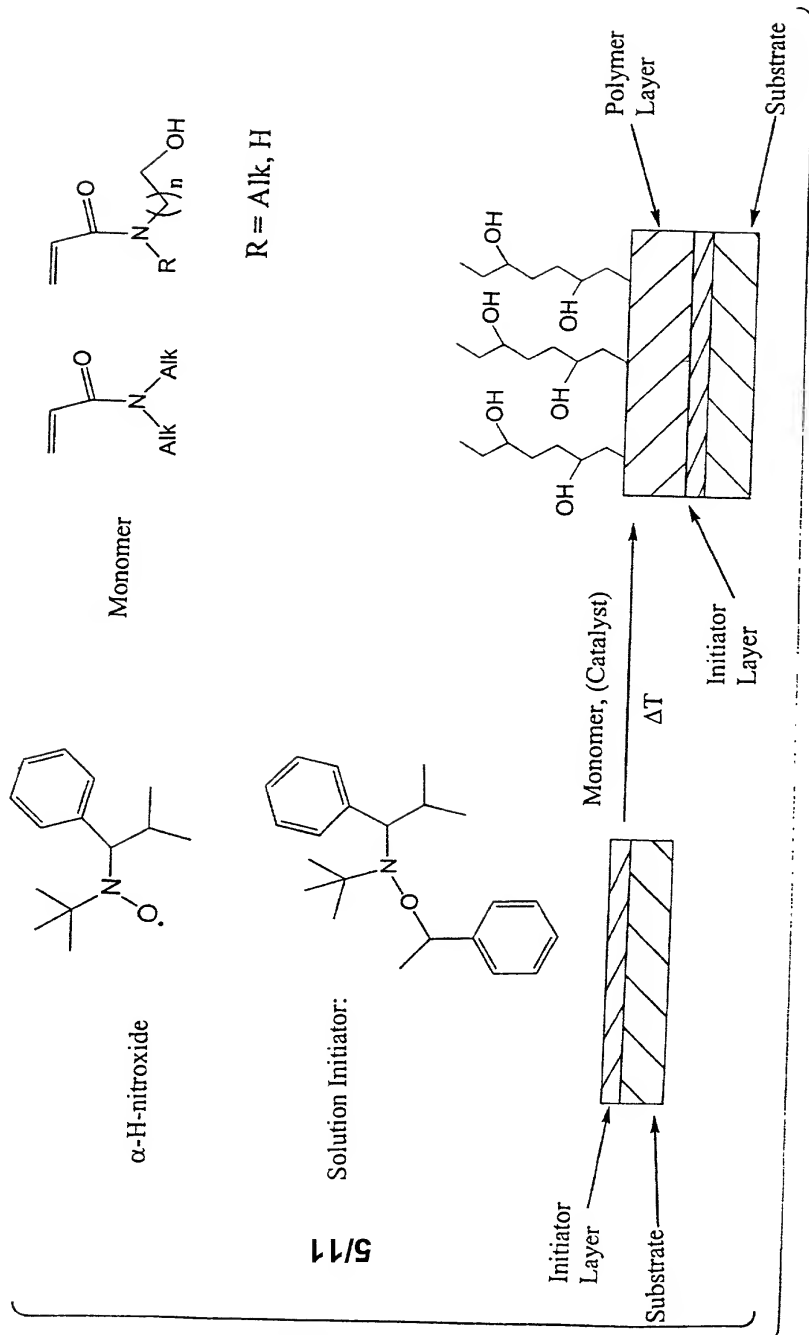


FIG. 6

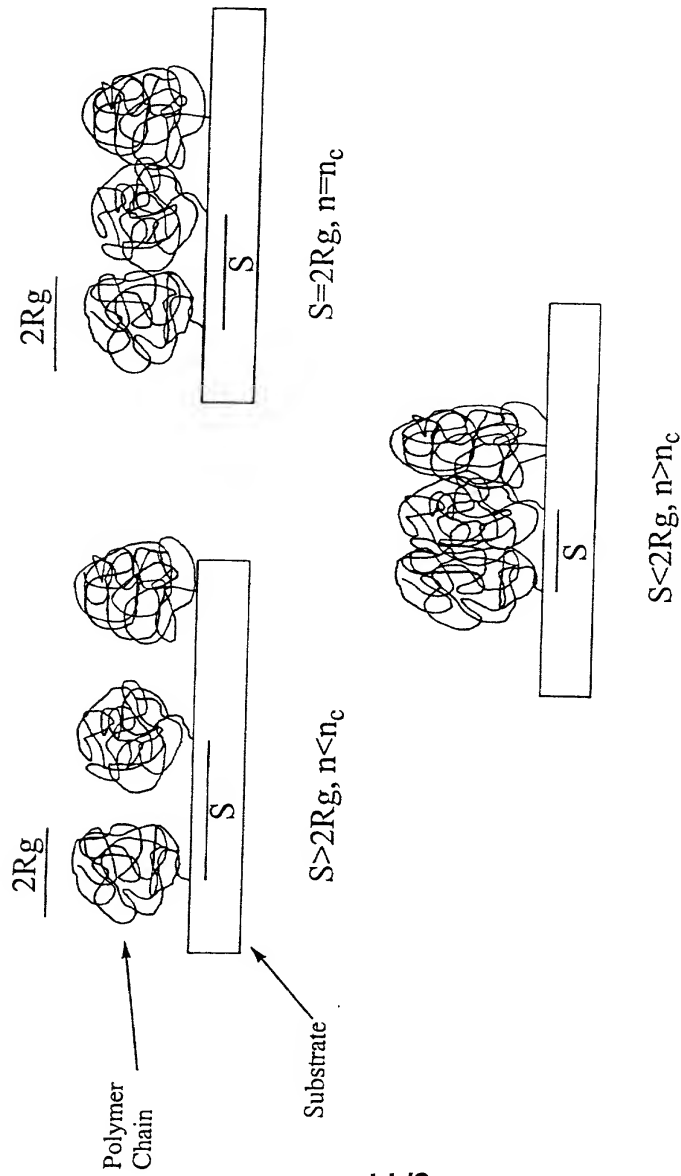


FIG. 7

LOADING, HYBRIDIZATION EFFICIENCY VS. CHAIN DENSITY

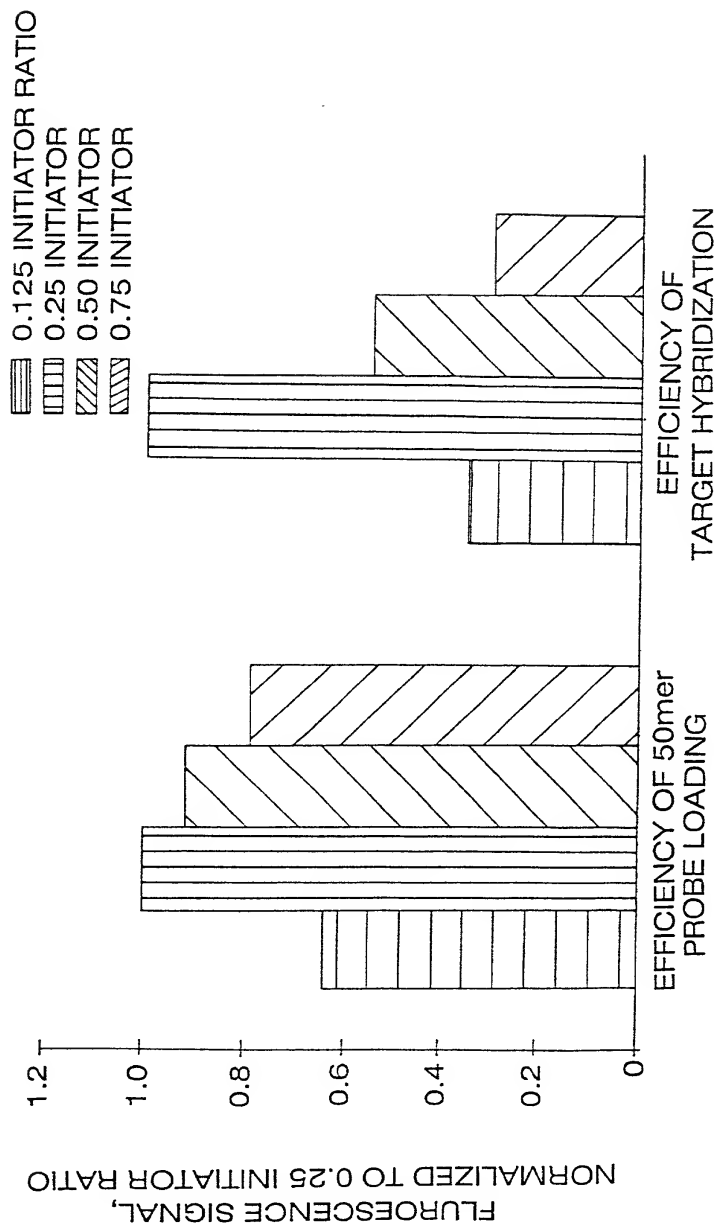


Figure 8a

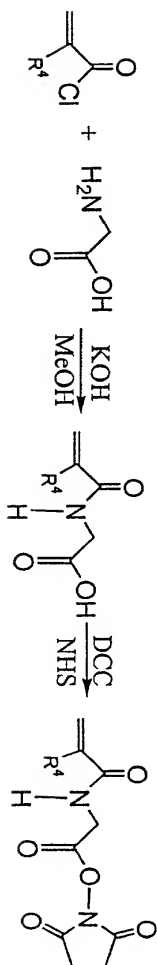


Figure 8b

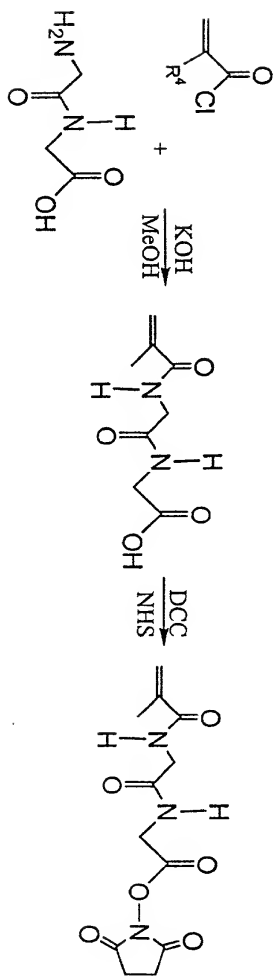


Fig. 9

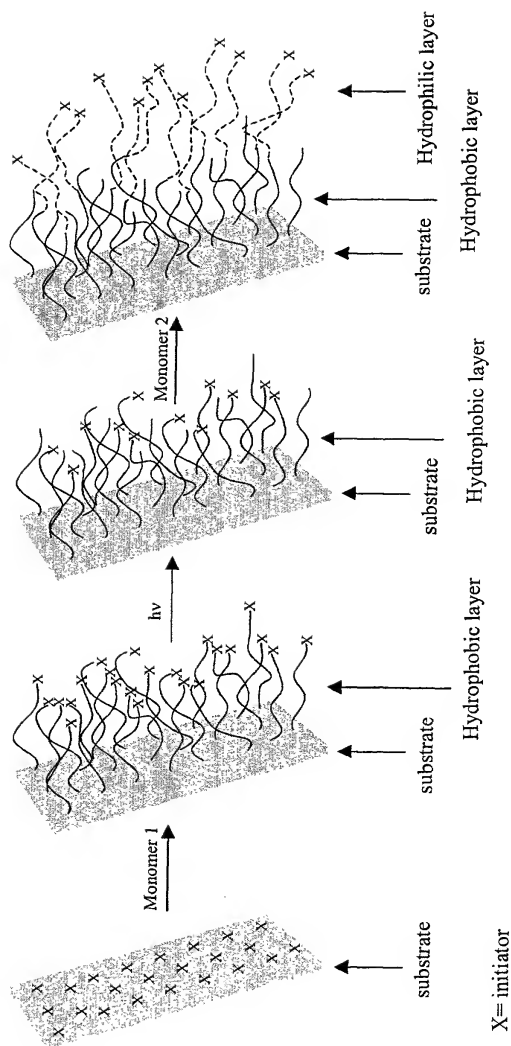


FIG. 10b

Fluorescence

Density

1% NHSM

3% NHSM

5% NHSM

10% NHSM

25% NHSM

10% NHSM

3% NHSM

25% NHSM

1% NHSM

1% NHSM

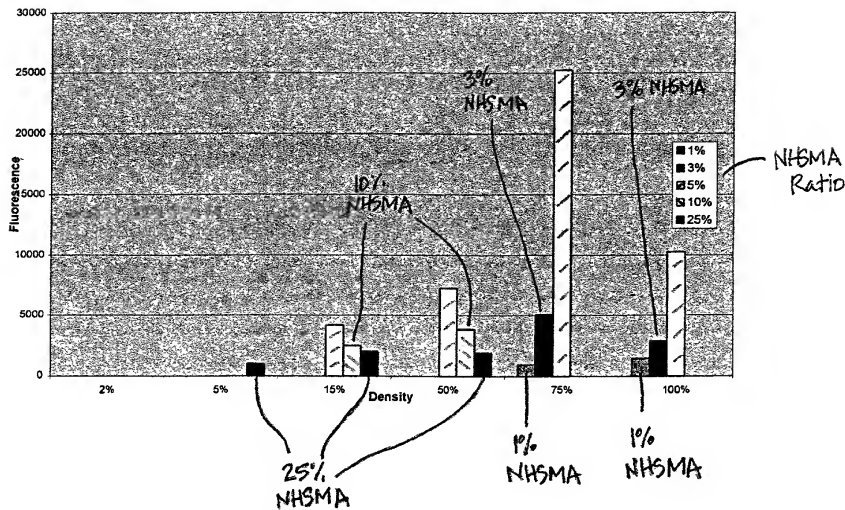


FIG. 10d

The bar chart displays Fluorescence (Y-axis, 0 to 12000) against Density (X-axis, 2% to 100%). The legend indicates five NMSMA concentrations: 1% (solid black), 3% (solid dark grey), 5% (diagonal lines), 10% (cross-hatch), and 25% (diagonal lines). Handwritten annotations highlight specific data points: '10% NMSMA' points to the 10% cross-hatch bar at 15% density; '25% NMSMA' points to the 25% diagonal bar at 50% density; and '1% NMSMA' points to the 1% solid black bar at 75% density. Another '1% NMSMA' label is at 100% density.

Density	1% NMSMA	3% NMSMA	5% NMSMA	10% NMSMA	25% NMSMA
2%	0	0	0	0	0
5%	0	0	0	0	0
15%	0	0	0	1500	4400
50%	0	0	0	2700	5200
75%	9500	4400	0	0	0
100%	9200	3800	0	0	0

